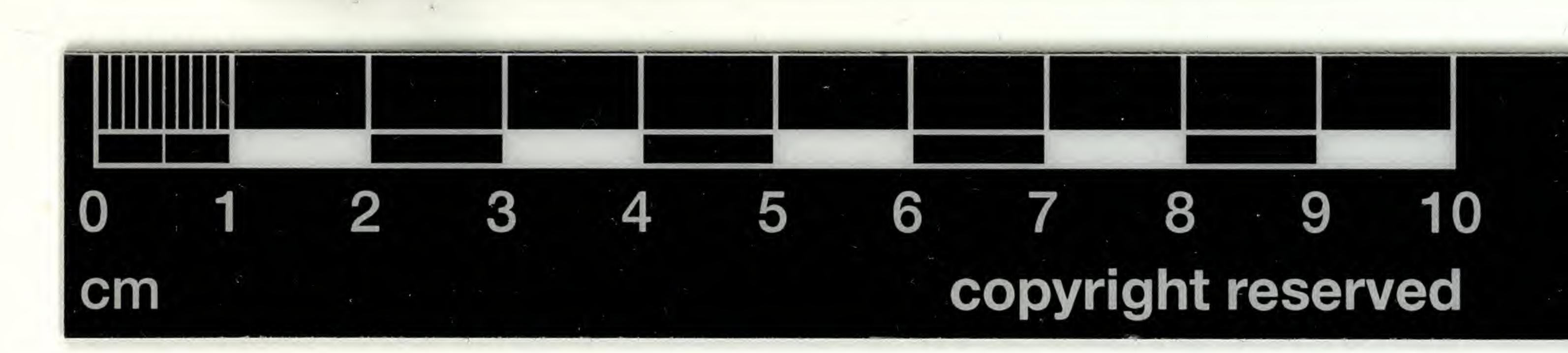


mpanin ver Can Jane

TRANS. OF THE ACAD. 01

unusua ectricity in February, 18 that of January, April so y is the lowest instead of l ascent to 862 some egularities may k ire and relative months which give the lowest i erstorms in 1862. ally rainy, that its ecember ooth years, diminishing rainy, August, r exhibit the interruptions each year into of thus and we place electricity thro give the highes September humidity, and 1862, is abo from in electricity. may of Septem



MISSOURI BOTANICAL GARDEN

1861. No. times.	1862. No. times.	
30 23 20	32 28 4	with thunderstorms. with rains without thunder and lightning. with dry storms (without rain and without thunder and lightning).
4	3	with snow. with fog.
78	67	

VII. Relation of Rain and Snow to Electricity.
Rain without thunderstorm was accompanied

	By Positi	ve Electri-	By Negative Electricity.		By no Electricity.	
	In 1861.	In 1862.	In 1861.	In 1862.	In 1861.	In 1862.
January February March	7 2	5 1	3 4	2		2
April	8	6 7	7	11 1	3	1 1
June	2	1				3
September October	3	1	1	1	4	8
December	2	3			•••••	6
	50 + el.	36 + el.	23 - el.	28 — el.	15 no el.	34 no el.

Snowing was accompanied

	By Positive Electricity.		By Negative Electricity.		By no Electricity.	
	In 1861.	In 1862.	In 1861.	In 1862.	In 1861.	In 1862.
January February March	12	8		2		••••
October November December		1				
	23 + el.	36 + el.	2-el.	3 — el.		1 no el.

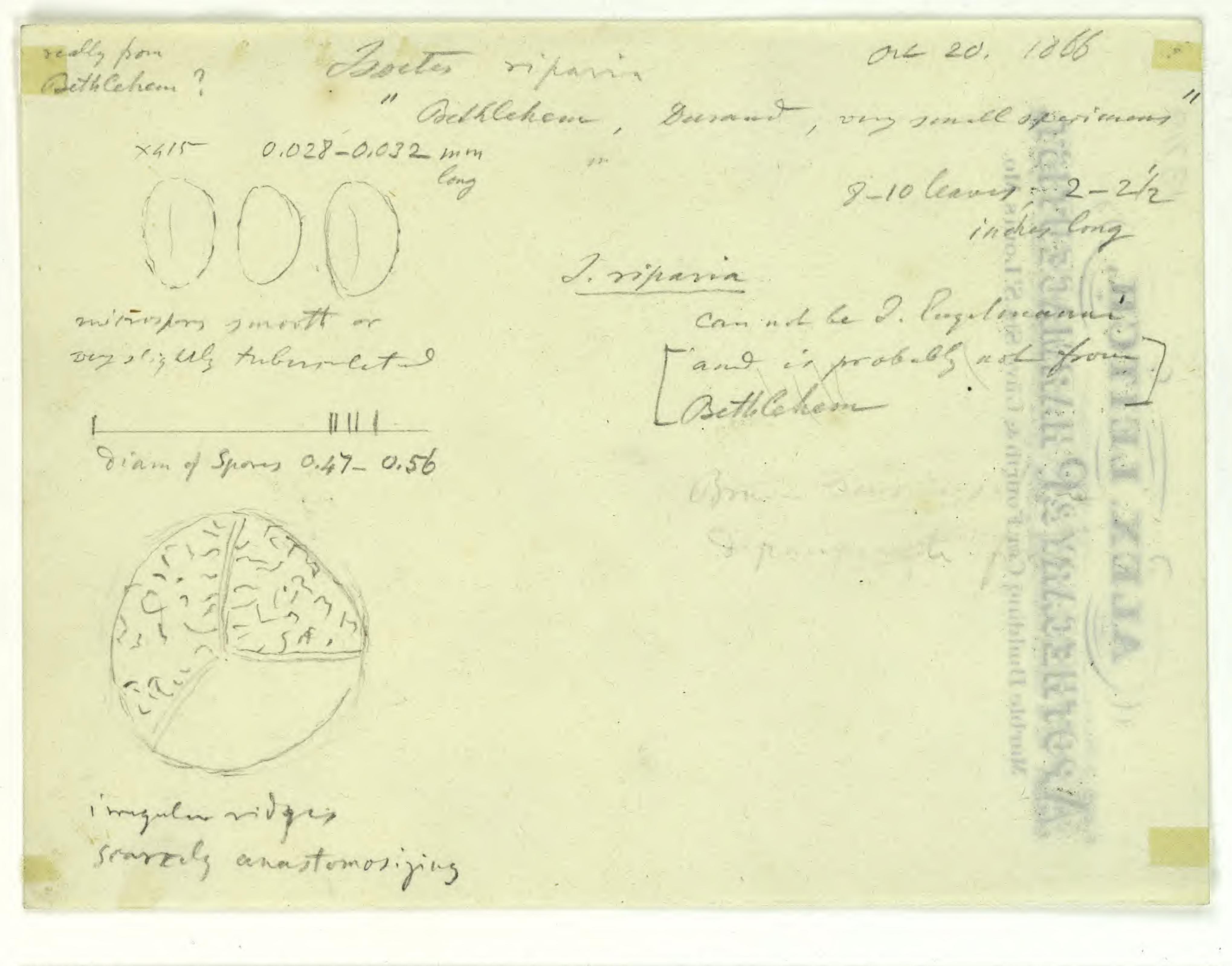
REMARKS.

The monthly mean of atmospheric electricity in 1862 was not quite so regular as that in 1861. While in 1861 an un-

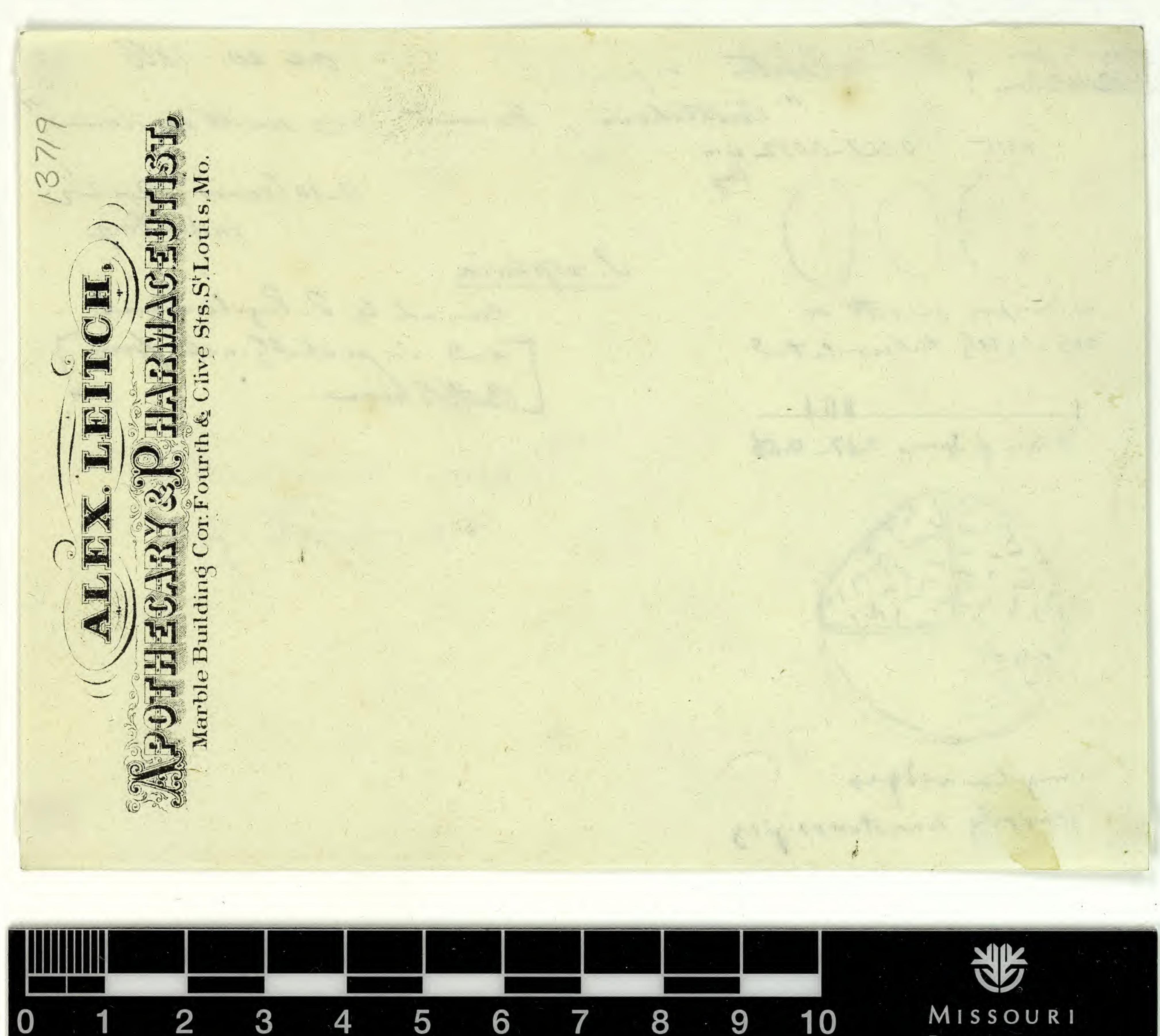
sac suco 1862 prov bala oup with the highest electricianuary, February, November December; the second with a mean electricity by the most March, April, May and October; and the third with June, July, August consta of atmosp whole namely, 8.4. decimals, is well g the daily periodicity the daily two maxima undeniable fact. 100 each as and year; but it seems of of electricity is as SO tive humidity, and of the in 1862, Jo prevailed, e third group prevailed, But these differences are months the same, mean even to months of mean of 18 The third table, showing the pheric electricity, confirms the coninma of electricity as an under the twelve the 1861 exactly ty result, mean of relat that every in three groups. The first gr formed by the months of J monthly third the The first group i The second " The first expected e yearly the year, 1862 is e divide lowest electricity by that of temperature, the aggregate first and second. the identity in the not to be expe in 1861 Or we may and in throughout September. The aggr. that pressure. Thus least,

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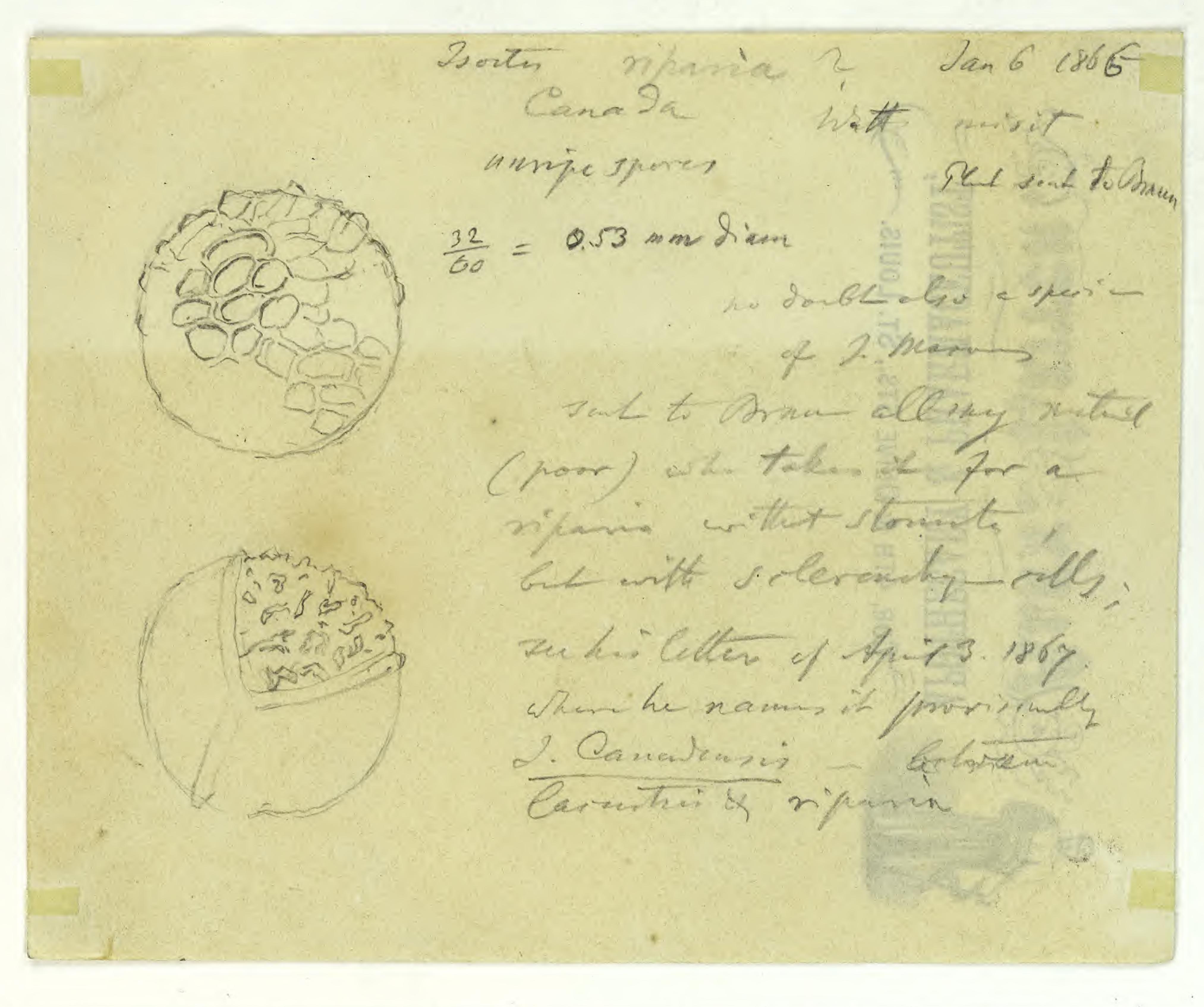
MISSOURI BOTANICAL GARDEN



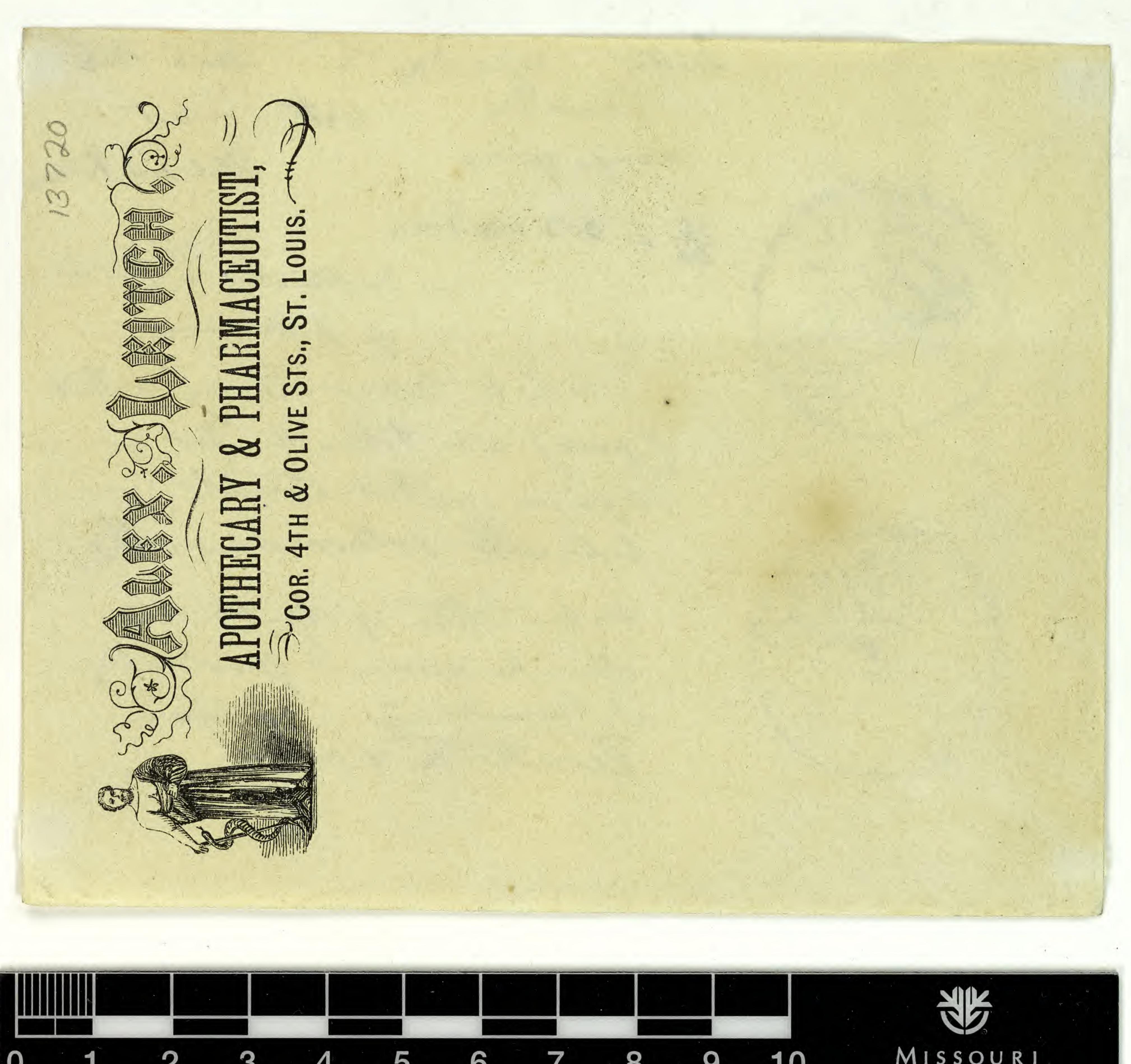




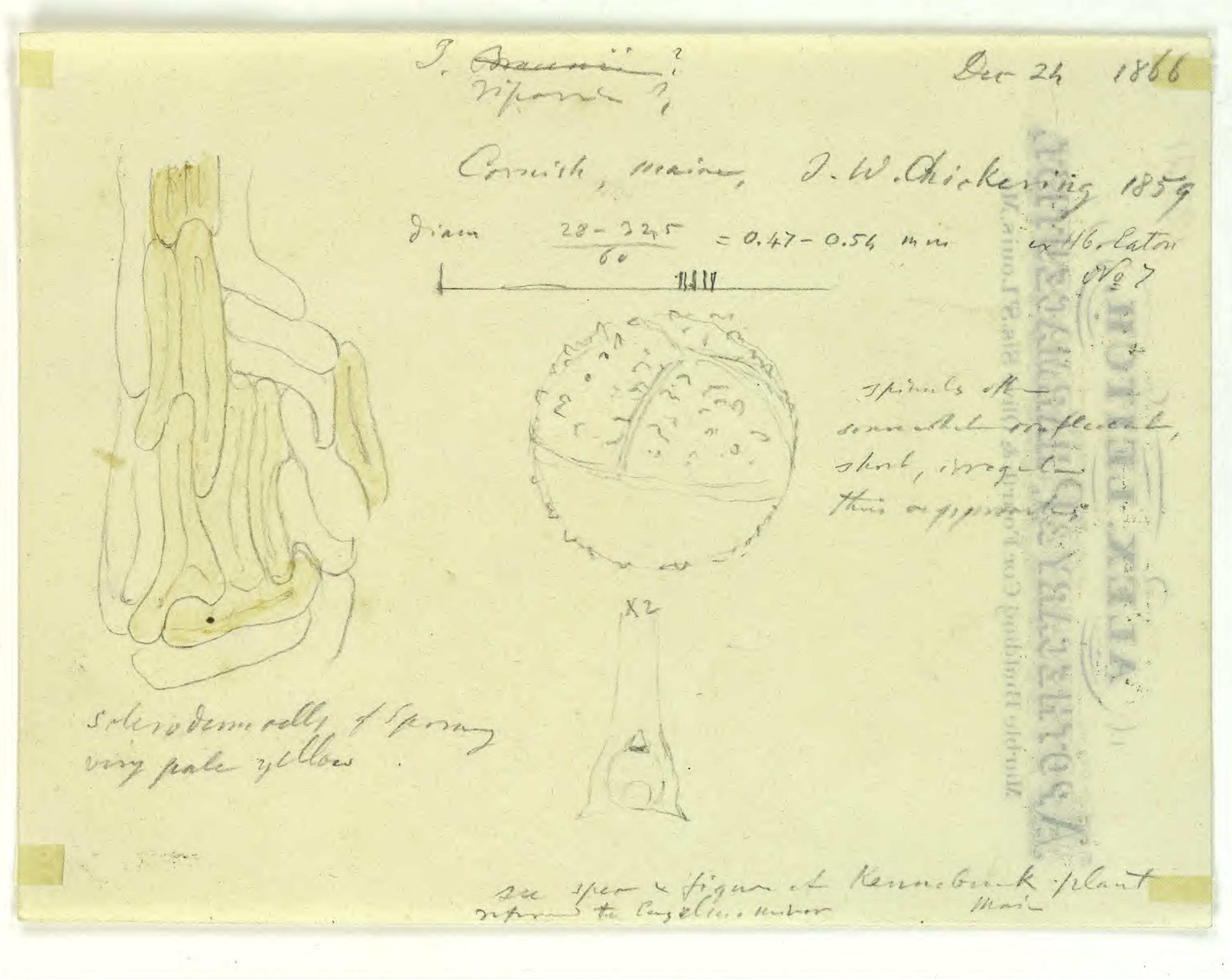






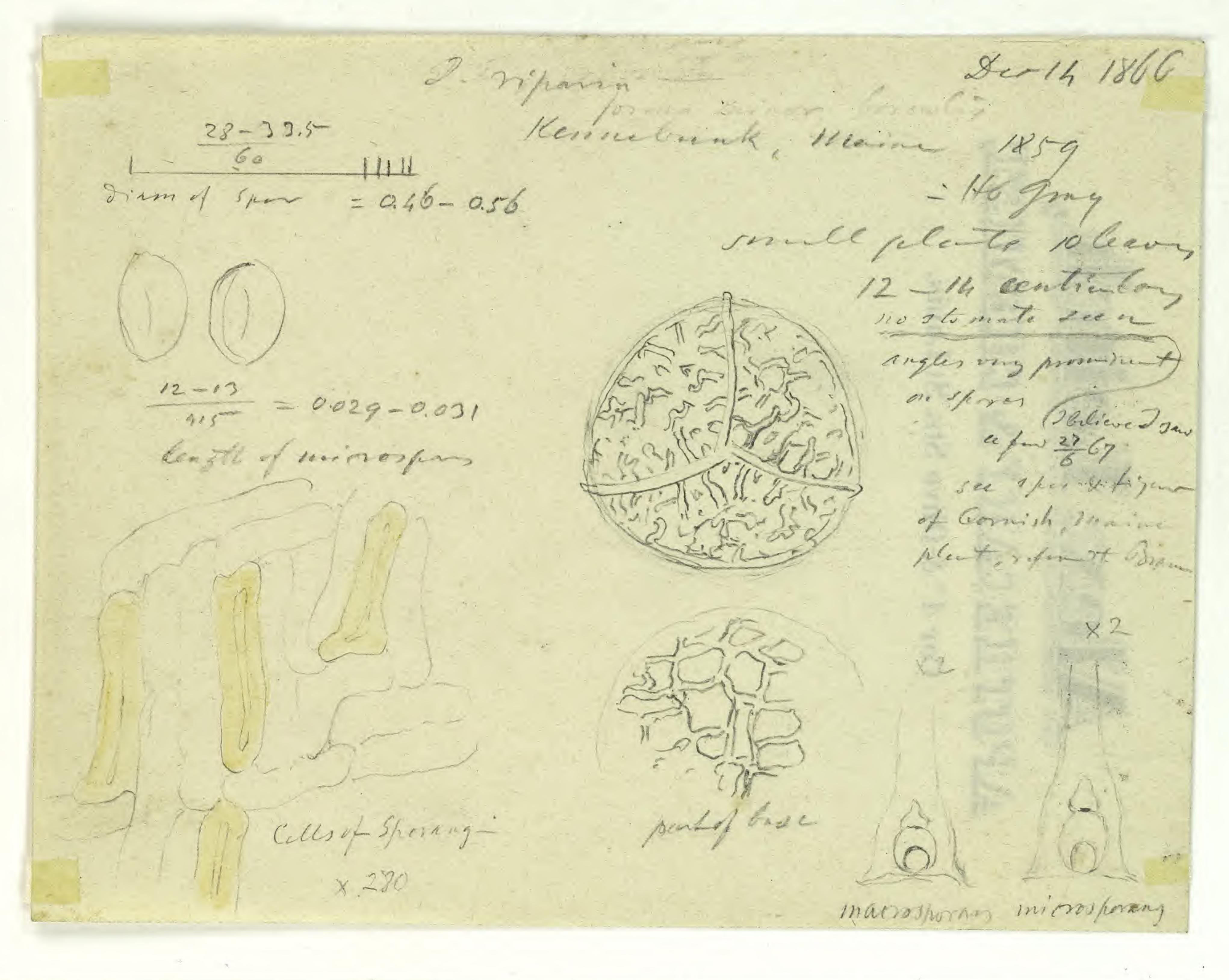






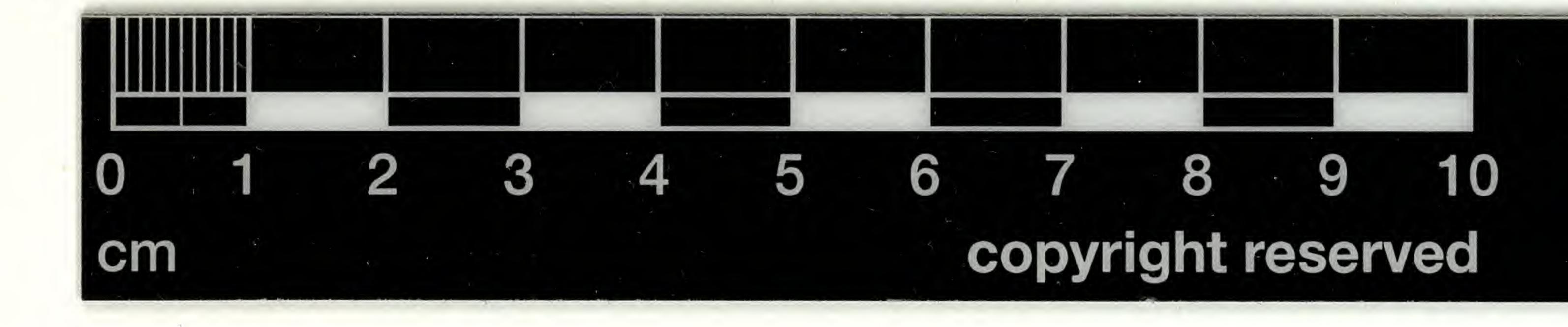




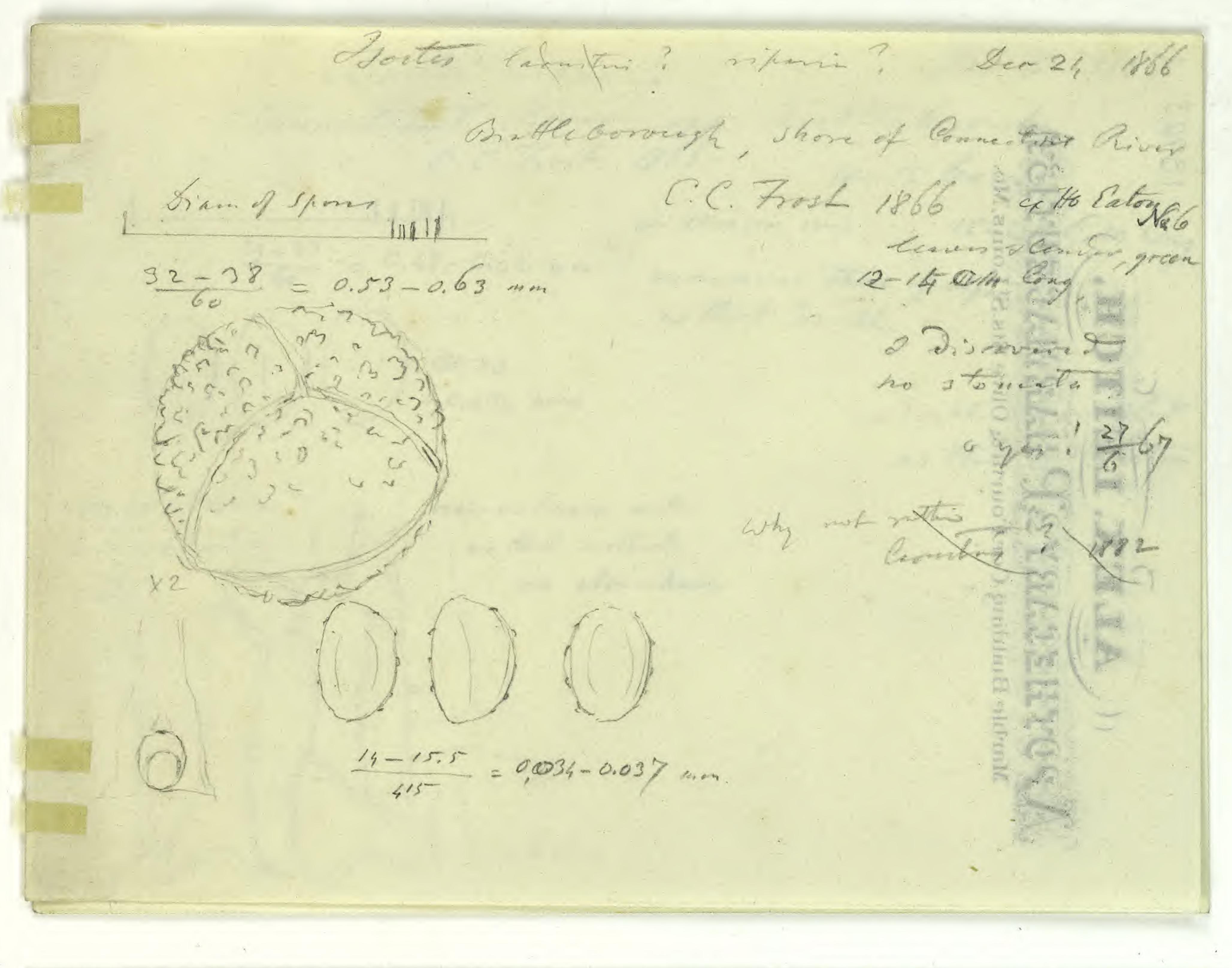


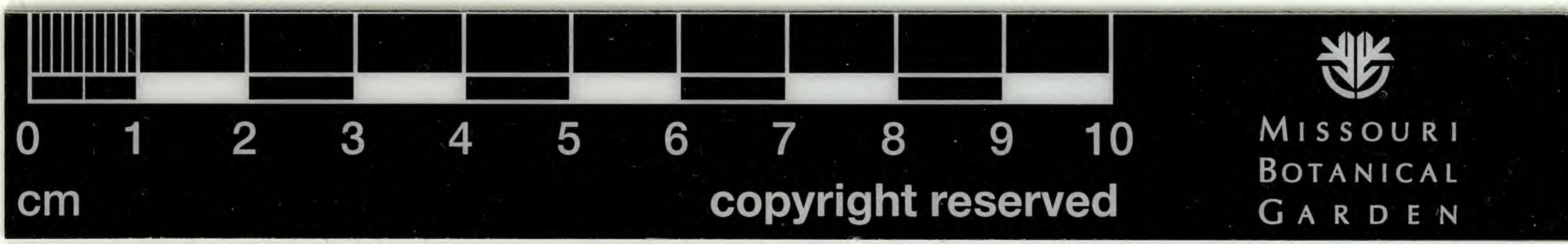


Nor 4th & Olive Sts. St. Louis



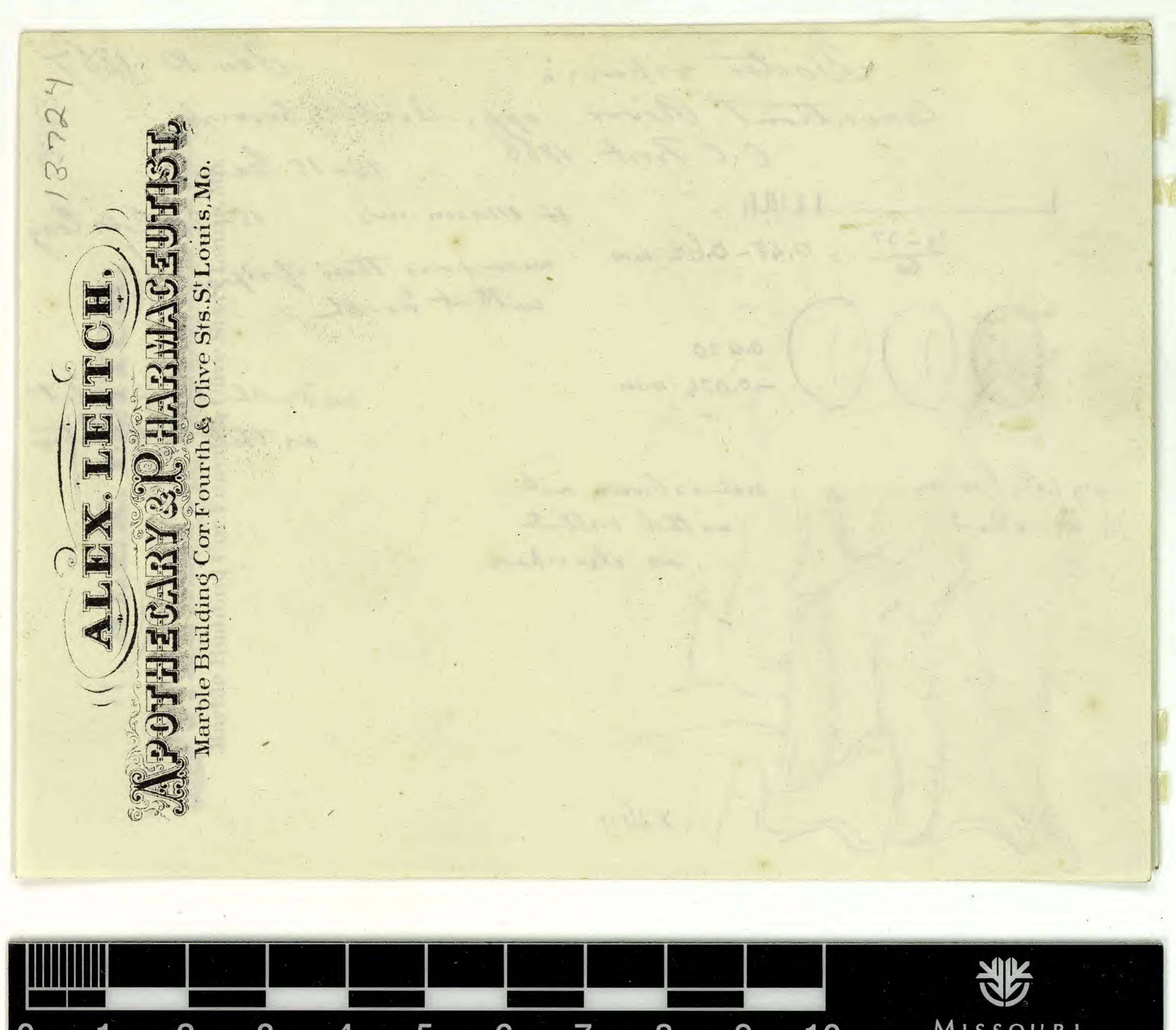




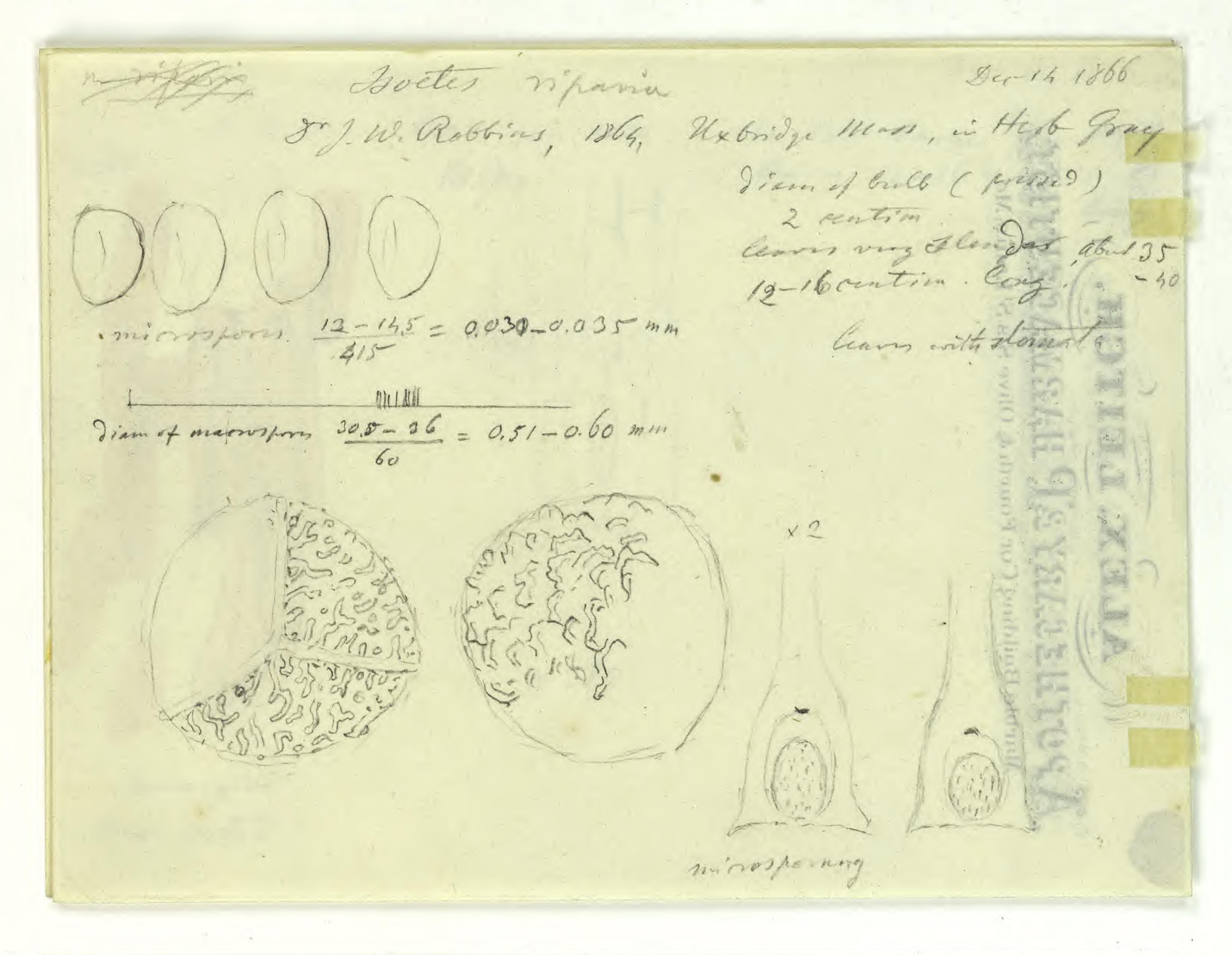


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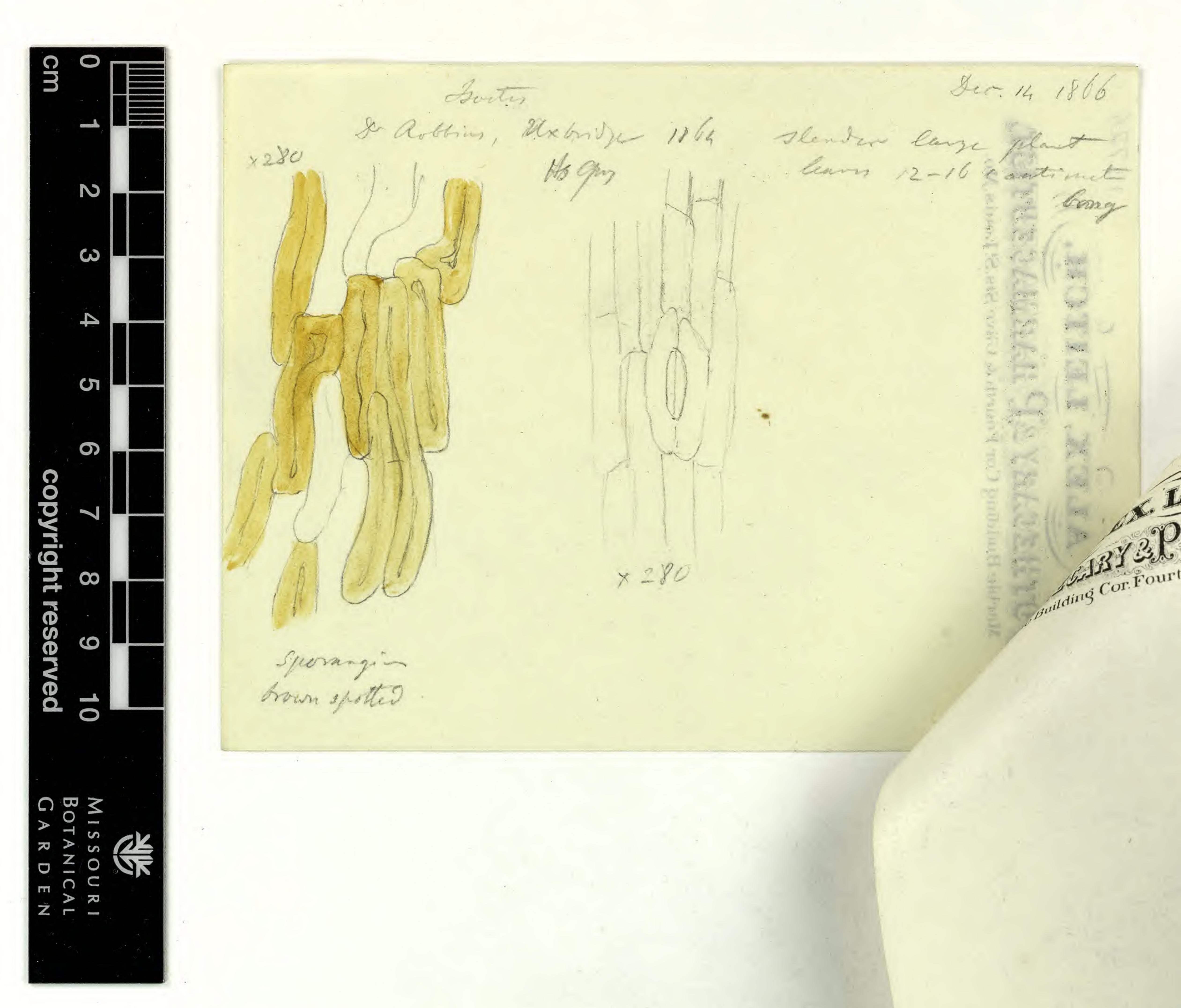


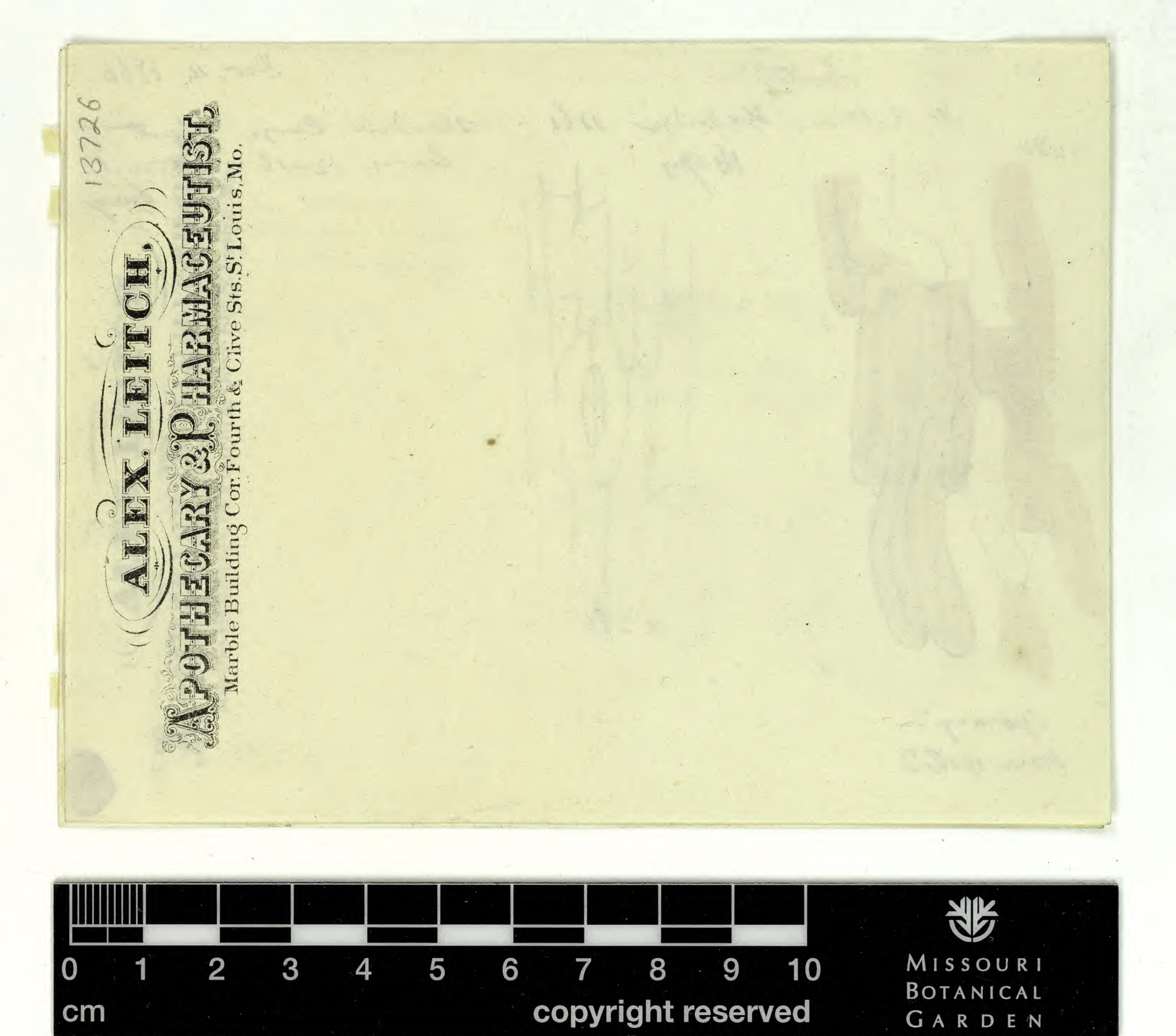




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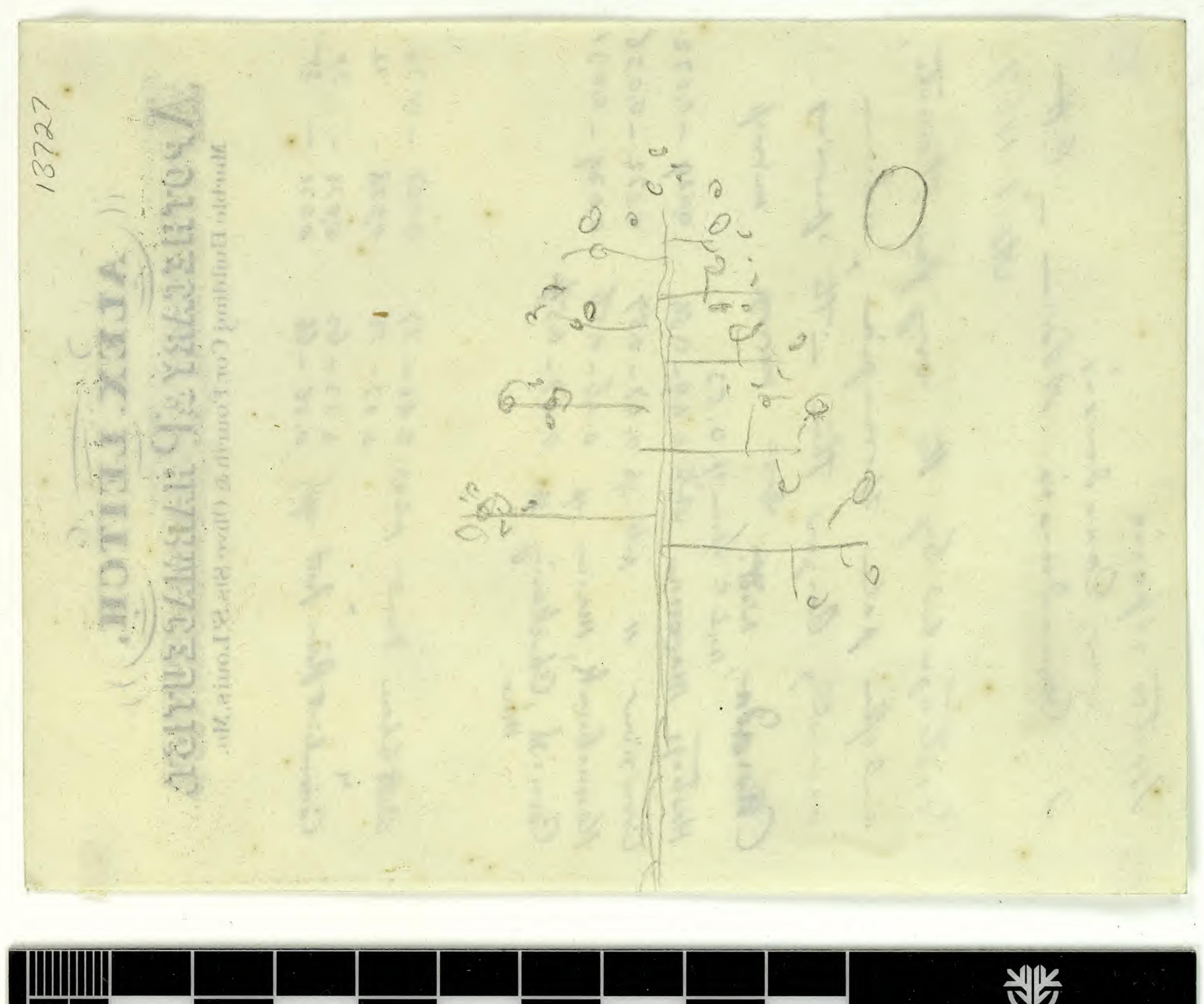




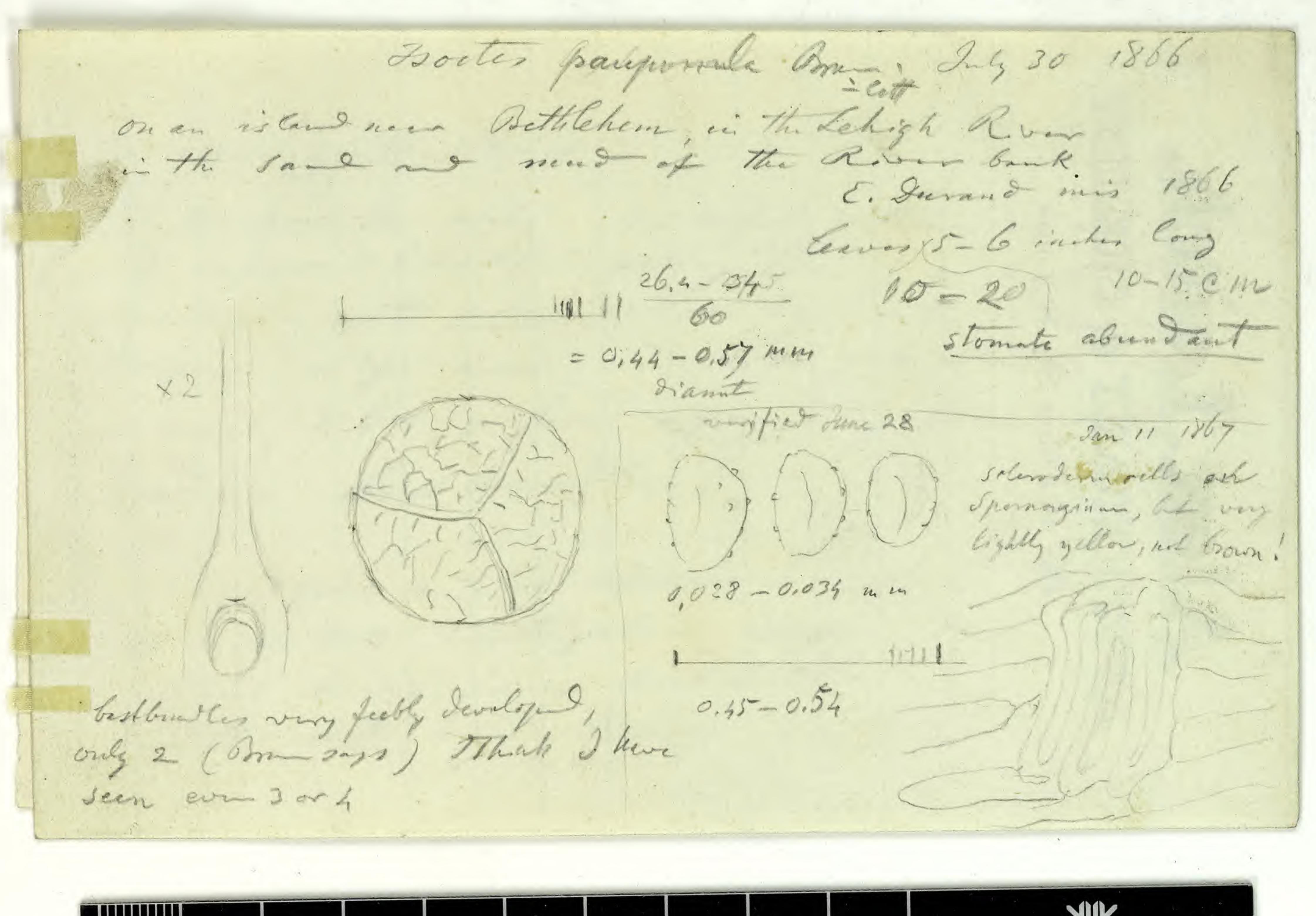
Lecter riparia vær. Canadans 2. Oursis ADrum - E.H. 1267 Fistinge to by the very few of smite, and offen pale spormingin, vilum usually Cargon Than itt sporting. Carola water sp. 0:53 Hoistings, macoun white 0.49-0.54 0029 -0,032 0.072 - 0.036 Crownian 11 ple 3/3 0,47 - 0.57 0.029 - 0.031 Kennebounk, main sp. 0:46-0,56 Comish, Chickeny sp. 0.47-0.54 mne 0.028 - 0234 Beth Chen Junio plesh. O. 44 mi 57. 0028 - 32 0 47 - 56 Commelled Aver frost apr 0.53-63 Marble Building Cor. Fourth & Olive Sts. S'I Louis, Mo. TELLES HEREN SELLOGIE VIEW WILLON

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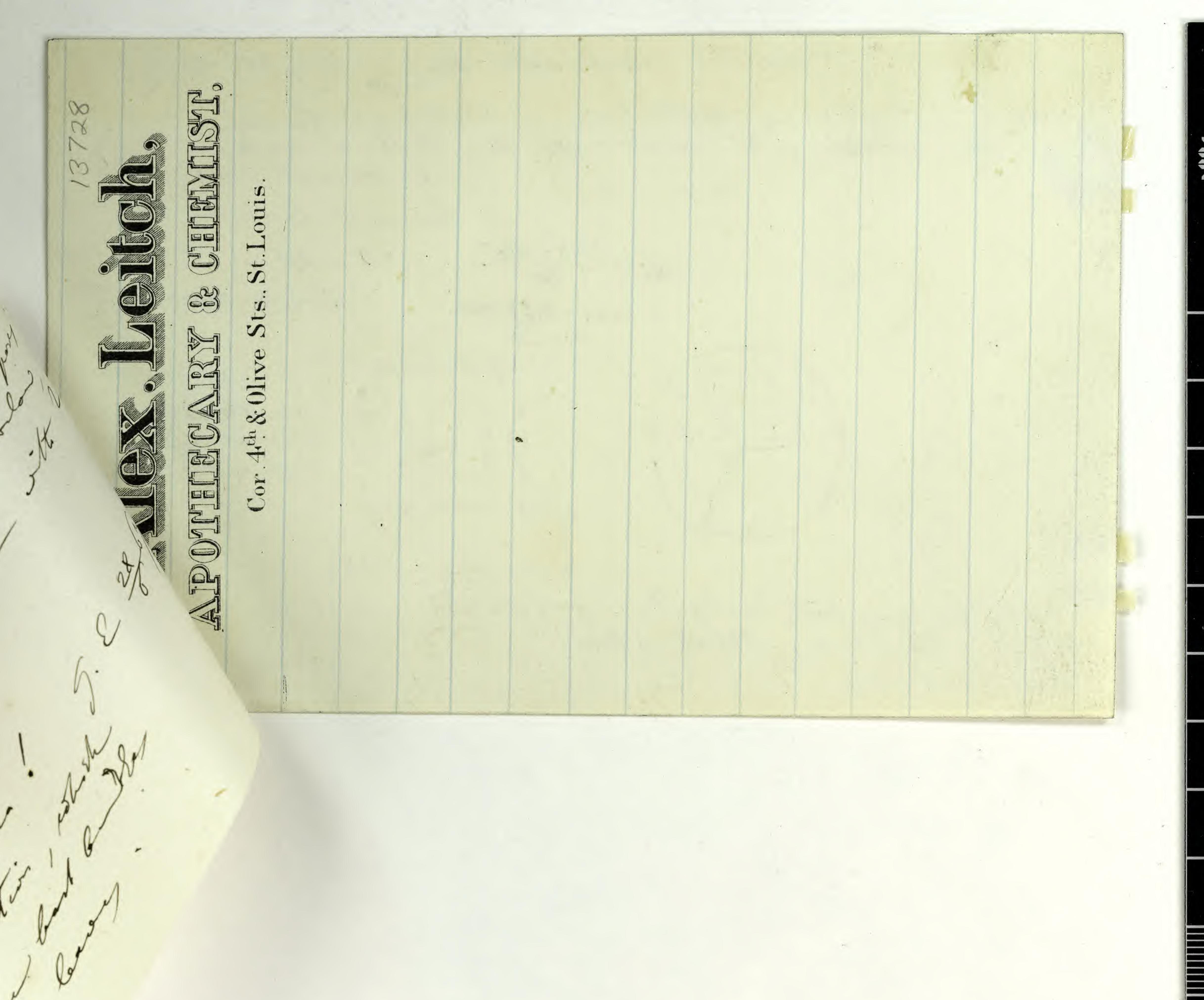
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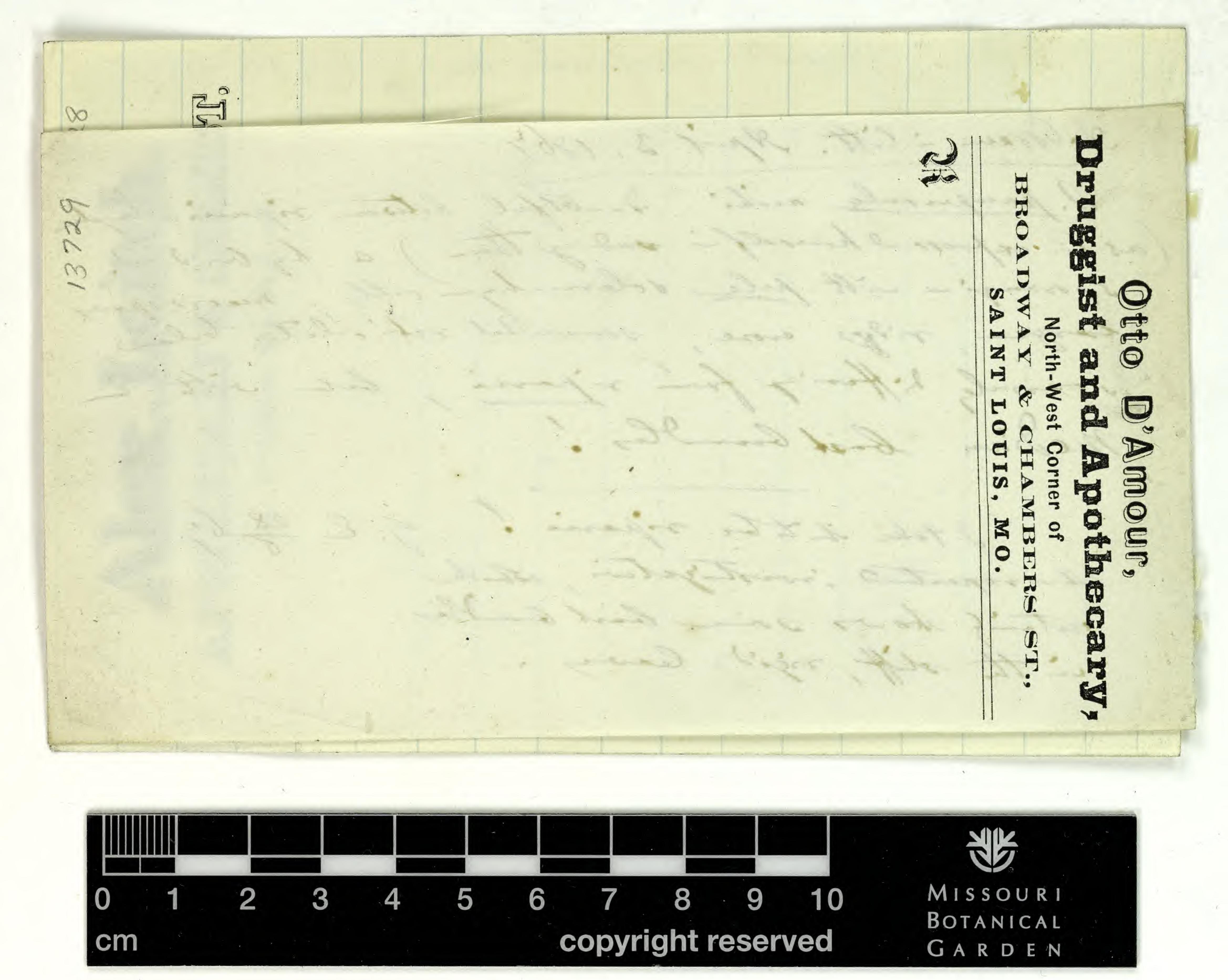






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spormy' - with pile solerwhy only macrospory lærge, niges erose, someeltet schindets bles somely lifer of for riponing but with 2 median but builtes. I take it to be repaire ! 9. 8 28 63 after repeated, investigation, which cestains some band a Me in the slift, orgist, leave,

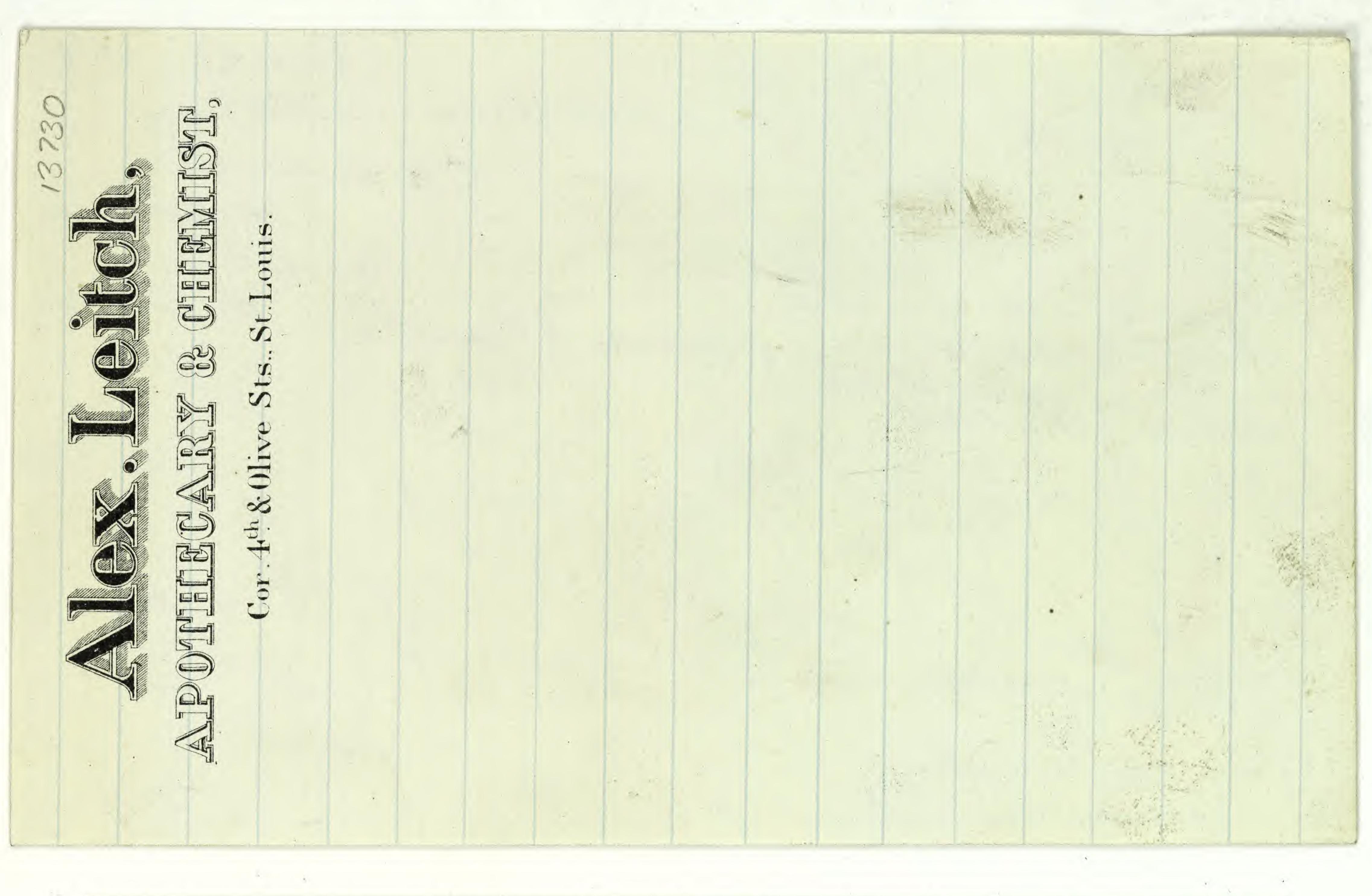


Sortes riparia June 27 1867 In the Committee and Brattle Course C.C. Front 1866 He Maines mis Sim 33.5-40 = 0.56-0.65 mm g-12 leaves

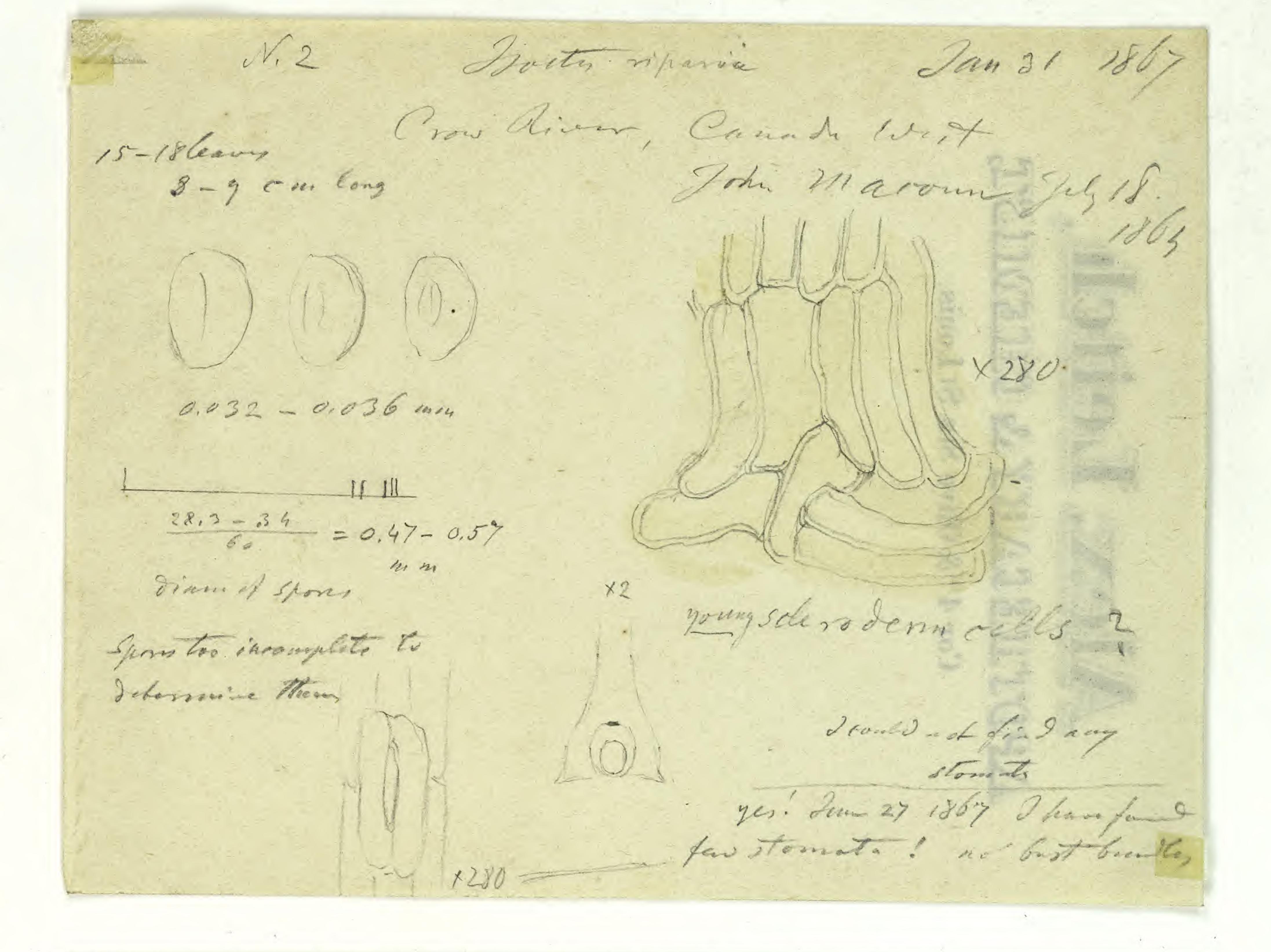
Crests of marrospors short

off small anorstomizing (approach; ? Bruenni') 16-20 C.M.C. Cours selen stom oulls er sprung .











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Cor 4th & Olive Sts. St. Louis.





Bock. Octob 1 1866 maidy pooreds, Hestings, Canal Coul T. Macoun Jack Belleville, Cambe abol 15 leaves Diain of spores 29,5-32.5 = 0.49-0.54 8-13 C.M. Cong unifre = 0.029-0.032 about 0,0.3 min grilges Faristes. often area stones of in. 2 exterior leaves of and there perove - vet, solite Jerone whach, bearing lenner thirty out much ch



